



ATTORNEY DOCKET NO. 3882/3  
PATENT

7/8/03  
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6/24/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : David HERRING *et al.*  
App. No. : 09/724,025 Examiner: Edward R. Cosimano  
Filed : November 28, 2000 Group Art Unit: 3629  
Title : METHOD AND SYSTEM FOR PREDICTING CAUSES OF  
NETWORK SERVICE OUTAGES USING TIME DOMAIN  
CORRELATION

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Washington, D.C. 20231

AMENDMENT AND RESPONSE TO OFFICE ACTION

RECEIVED  
JUN 30 2003  
GROUP 3600

Sir:

In response to the Office Action received March 24, 2003, please enter the  
following:

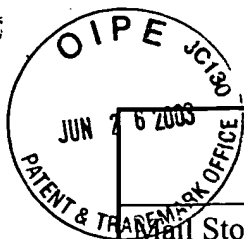
IN THE CLAIMS

27. (Amended) The method of claim 16, wherein determining the service change  
time window comprises detecting a step change in measured usage.

Please add the following new claims 62 through 77:

62. Computer readable media comprising program code that, when executed by a  
programmable microprocessor, causes the programmable microprocessor to execute a method  
for analyzing potential cause of a service change, the method comprising:

determining a service change time window encompassing a change of service  
between a first working state and a service outage, the service change being determined at least  
in part based on measured service usage levels;



36298

**TRANSMITTAL  
LETTER**

Atty Docket No.: 3882/3

Total Pages: 35

Mail Stop : Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Re: Applicants : David HERRING *et al.*  
Serial No. : 09/724,025  
Filed : November 28, 2000  
Title : METHOD AND SYSTEM FOR PREDICTING CAUSES  
OF NETWORK SERVICE OUTAGES USING TIME  
DOMAIN CORRELATION

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**GROUP 3600**

Kindly file the annexed papers indicated below:

- ☒ Amendment and Response to Office Action  
☒ Other: (a) Return Postcard; (b) Brown Raysman Check in the Amount of \$540.00  
☒ An additional fee is required. The fee has been calculated as follows:

	Claims Remaining after Amendment	Claims Paid for	Extra	Rate (Sm. Ent.)	Fee	Rate	Fee
Total	77	61 =	16	x \$9	\$	x \$18	\$ 288.00
Indep.	12	9 =	3	x \$42	\$	x \$84	\$ 252.00
MULTIPLE DEPENDENT CLAIM ADDED				+ \$140	\$	+ \$280	\$ 00.00
				TOTAL	\$		\$ 540.00

- ☒ A check in the amount of \$540.00 is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to the undersigned attorney's Deposit Account No. 02-4270.

Respectfully Submitted,

Dated: 24 June 2003

By:

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